| POSITION                  | INIT!ALS | ان NO. | DATE     |  |  |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|--|--|
| FEE DETERMINATION         |          |        |          |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 21_    | 8/20/0-P |  |  |  |  |  |
| FORMALITY REVIEW          | HILL     | 1019   | orlano)  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | a.m      | 625    | 01-15-02 |  |  |  |  |  |
|                           | /ŝt      | 107    | 2-21-02  |  |  |  |  |  |

## INDEX OF CLAIMS

| Rejected                   | N Non-elected |
|----------------------------|---------------|
| = Allowed                  | IInterference |
| (Through numeral) Canceled | A Appeal      |
| ÷ Restricted               | O Objected    |

|             |             |                   |                     |  | ÷            |          | ••••      |           |              |                 |          | R        | est        | rict     | ed      |               |           |           | 0            |              | ••••      | ••••      | •••••           | •••••    | U             | oject    | ea           |          |               |                    |              |                    |                               |  |          |
|-------------|-------------|-------------------|---------------------|--|--------------|----------|-----------|-----------|--------------|-----------------|----------|----------|------------|----------|---------|---------------|-----------|-----------|--------------|--------------|-----------|-----------|-----------------|----------|---------------|----------|--------------|----------|---------------|--------------------|--------------|--------------------|-------------------------------|--|----------|
| Cin         | aim Date    |                   |                     |  |              |          |           |           |              | Claim . I       |          |          |            |          |         |               |           | 9         |              |              | _         |           | Cla             | im       |               |          |              |          | ate           |                    | _            |                    |                               | ]                                      |          |
| ·   Ciā     |             | 7.                | 2 3                 | Ţ  |              | T        | Γ         | Γ         | Τ            | T               |          | Final    | 쿌          | 7        | *7      |               |           | П         |              |              |           |           |                 |          | inal          |          |              |          |               |                    |              |                    |                               |  |          |
| Final       | Original    | 2 0               | 2 2                 |  |              |          |           |           |              |                 |          | inal     | 흸          | 5        | 0.0.3   | -             |           |           |              |              |           |           |                 | Final    | Original      |          |              |          |               |                    | ١            | İ                  |                               |  |          |
| -           | 2           | 2                 | : =                 | ╁  | ╁            | ╁        | +         | ╁         | +            | ++              |          | H        | 51         | Ξ        | 7       | ᅱ             | 4         | -         |              | 7            | ┪         | T         | $\neg$          |          | 101           |          | $\Box$       |          |               | $\perp$            | I            | $\perp$            | $\perp$                       | I                                      | ]        |
| -           | 2           | 7                 | +                   | +  | +            | +        | 十         | T         | $\dagger$    | $\top \neg$     |          | П        | 52         | =        | 4       | 4             |           |           |              | $\Box$       |           |           |                 |          | 102           |          |              | _        | 4             | 4                  | $\downarrow$ | $\bot$             | _                             | $\perp$                                | 4        |
|             | 3           | Ш                 | 11                  | T  | $\top$       | 1        | T         | 1         | Τ            |                 |          |          | <u></u>    | ᄓ        | 4       | 11            |           |           | $\perp$      | _            |           | _         | _               | L        | 103           | _        | _            | $\perp$  | -             | +                  | 4            | 4                  | +                             | +                                      | 4        |
|             | 4           | Ш                 |                     | I  | 1            |          | L         | I         | Ţ            | $\Box$          |          |          | 24         | -        | ~       | 1             |           |           | -            | $\dashv$     | _         | 4         | $\dashv$        | $\vdash$ | 104<br>105    | $\vdash$ | $\dashv$     | +        | $\dashv$      | +                  | +            | +                  | +                             | +                                      | $\dashv$ |
| <u> </u>    | 5           | Ш                 | Ш                   | Ļ  | +            | +        | ╄         | ╀         | ╀            | +               |          | Н        | 55<br>56   | 9        | 0       | ╁             |           | -         | $\dashv$     | $\dashv$     | -         |           | $\dashv$        | $\vdash$ | 106           | $\vdash$ | $\dashv$     | -+       | $\dashv$      | +                  | 十            | 十                  | +                             | ╁                                      | ┪        |
|             | 6<br>7      | Н                 | ₩-                  | ╀  | -            | ┿        | ╁         | +         | +            | +               |          | H        | 57         |          | 뭐       | ۲             | $\dashv$  | $\dashv$  | -            | $\dashv$     | $\neg$    | $\dashv$  | $\dashv$        | $\vdash$ | 107           |          | 1            | 7        | ┪             | $\top$             |              |                    | 士                             |  | ]        |
| $\vdash$    | <i>В</i>    | Н                 | ₩                   | +  | ╁            | ╁        | ╁         | ╁         | +            | +               |          | H        | 58         | 0        | 0       | t             | П         |           |              |              |           |           |                 |          | 108           |          |              |          |               | ightharpoons       | $\Box$       | $\sqsupset$        | ightharpoons                  | $\perp$                                |          |
|             | (9)         | Н                 | H                   | $^{\dagger}$   | $\top$       | +        | t         | †         | $\top$       | П               |          |          | <b>6</b> 9 | <u> </u> | //      |               |           |           |              |              |           |           |                 |          | 109           |          |              | $\dashv$ | 4             | $\dashv$           | 4            | _                  | 4                             | +                                      | 4        |
|             | 10          | Ш                 |                     | T  |              | 1        |           |           |              |                 |          |          | 60         | 7        | k       | $\mathcal{I}$ |           |           | Ш            | _            |           | Ц         | $\Box$          | $\vdash$ | 110           |          | $\dashv$     | -        | 4             | +                  | +            | +                  | +                             | +                                      | ┨        |
|             | 11          | П                 | $\prod$             | $\perp$  | I            | $\perp$  | L         | L         | 1            | 4               |          | ┕        | 61         | 0        | 0       | 1             | Ŀ         |           | Н            | _            | _         |           | Н               | $\vdash$ | 111           | _        | -            | $\dashv$ | -             | +                  | +            | +                  | +                             | +                                      | ┨        |
| L           | 12          | Щ                 | Ш                   | 4  | $\downarrow$ | 4        | $\perp$   | +         | +            | +               |          | $\vdash$ | 62<br>63   | 0        | راه     | t             | ┝         |           | H            | ᅱ            |           | $\vdash$  | $\dashv$        | $\vdash$ | 113           |          | $\dashv$     | $\dashv$ | +             | +                  | +            | 十                  | 十                             | +                                      | ٦        |
| -           | 13          | #                 | ₩                   | +  | +            | +        | +         | +         | +            | +.              |          | $\vdash$ | 3<br>64    | 5        | 2       |               | -         |           | Н            | -            | _         | H         | H               | $\vdash$ | 114           |          | H            | $\dashv$ | 7             | 寸                  | $\dashv$     | $\neg \uparrow$    | $\top$                        | 士                                      |          |
| $\vdash$    | 15          | ₩                 | ₩                   | +  | +            | +        | +         | +         | +            | +               | 4        | -        | 65         | ~        | _       | É             | -         |           | $\vdash$     |              |           |           |                 |          | 115           |          |              |          |               | $\exists$          | $\Box$       | コ                  | I                             | $\perp$                                | $\Box$   |
| 1           | 16          | #                 | ₩                   | +  | +-           | +        | +         | $\dagger$ | +            | +               | İ        |          | 66         | Г        |         |               |           |           |              |              |           |           |                 |          | 116           |          |              |          |               | _                  | _            | _ļ                 | 4                             | 4                                      | 4        |
| 一           | 17          | #                 | <b>†</b> ††         | +  | 丁            | 1        | T         |           | 士            | 1               |          |          | 67         |          |         |               |           |           |              |              | _         |           |                 | L        | 117           |          | L            | $\vdash$ | _             | $\dashv$           | 4            | $\dashv$           | +                             | +                                      | $\dashv$ |
|             | 13          | 11                | Ш                   |  | $\perp$      |          |           | I         | $\perp$      |                 | ]        |          | 68         | <u> </u> | L       | _             | <u> </u>  | _         |              |              |           | L         | $\vdash$        | $\vdash$ | 118           |          | _            | $\dashv$ | -             | $\dashv$           | -+           | $\dashv$           | +                             | +                                      | ᅱ        |
|             | 19          | $\prod$           | Ш                   | Ц  | I.           | $\perp$  | $\perp$   | $\perp$   | 4            | _               |          | <u>_</u> | 69         | <u> </u> | _       | _             | -         | L         | <u> </u>     |              |           | -         | Н               | -        | 119           |          | $\vdash$     |          | ᅱ             | $\dashv$           | $\dashv$     | $\dashv$           | +                             | +                                      | ᅥ        |
| L           | න           | $\perp$           | Ш                   | Ц  | $\perp$      | ᆚ        | _         | $\perp$   | _ _          | 1               |          | $\vdash$ | 70         | L        | L       | L             | -         | _         | -            | L.           | _         | -         | $\vdash$        | $\vdash$ | 12            |          | ┝            | H        | -             | $\dashv$           | $\dashv$     | $\dashv$           | +                             | +                                      | ㅓ        |
| ĩ 🗀         | 21          | 44                | ₩                   | $\!$ | _ _          | +        | $\perp$   | 4         | 4            | - -             | 1        | -        | 71         | -        | -       | ┢             | ├         | -         | $\vdash$     | -            | H         | $\vdash$  | H               | -        | 12            |          | -            | Н        | -             | -1                 | -            | $\dashv$           | +                             | $\dashv$                               | ㅓ        |
|             | 22          | -                 | ₩                   | ₩  | +            | +        | +         | +         | +            | +               | 1        | $\vdash$ | 72<br>73   | $\vdash$ | ┝       | ┝             | ╁         | ┝         | H            |              | -         | H         | $\vdash$        |          | 12            | 3        | H            | H        |               | $\sqcap$           | $\dashv$     | 寸                  | T                             | $\dashv$                               |          |
|             | 24          |                   | ╂┼                  | H  | +            | +        | ╁         | +         | +            | +               | 1        | $\vdash$ | 74         |          | -       | 1-            | t         | T         | Г            | T            | -         | T         | П               |          | 12            |          |              |          |               |                    |              |                    | $\Box$                        | $\Box$                                 |          |
|             | 25          | +                 | #                   | H  | +            | +        | +         | +         | $\dagger$    | +               | 1        | T        | 75         |          | t       |               |           |           |              |              |           |           |                 |          | 12            | 5        |              |          |               |                    |              | Ш                  | _                             | 4                                      |          |
|             | 26          | $\dagger \dagger$ | 11                  | H  | $\top$       | 十        | 1         | 1         | 1            | $\perp$         | 1        |          | 76         |          |         |               |           |           |              |              |           |           | П               | L        | 12            |          | _            | _        | <u> </u>      | Ш                  | Щ            | $\vdash \vdash$    | $\dashv$                      | $\dashv$                               |          |
|             | 27          |                   | $\Pi$               |  |              |          | $\perp$   | I         | $\Box$       |                 | ]        | $\perp$  | 77         |          | 1       | ↓_            | 1         | <u> </u>  | <u> </u>     | _            | <u> </u>  | ╀         | $\square$       | -        | 12            |          | ╀-           | ├-       | -             | Н                  |              | $\vdash \vdash$    | $\dashv$                      | $\dashv$                               |          |
|             | 28          | П                 | Ш                   | Ц  | $\perp$      | 1        | $\perp$   | 4         | $\downarrow$ | _               | 4        | $\vdash$ | 78         |          | ╄       | ╀             | ╀         | ╀         | -            | ┡            | ┝         | ╀         | +               | $\vdash$ | 12            |          | ╀            | $\vdash$ | ├             | H                  | Н            | $\vdash$           | $\dashv$                      | $\dashv$                               | _        |
| 1           | 29          | 44                | -11                 | $\sqcup$   | 4            |          | +         | +         | 4            | +               | -        | $\vdash$ | 79<br>80   |          | ╀       | ╁             | ╀         | ╁         | +-           | $\vdash$     | ├         | ╁         | H               | ├        | 13            |          | +            | ╁        | ┢             | $\vdash$           | Г            | $\vdash$           | 7                             | $\exists$                              | _        |
| Ę           | 30<br>31    | +                 | ₩                   | H  | $\dashv$     | +        | +         | +         | +            | ╁               | ┨        | $\vdash$ | 8          |          | ╁       | +             | ╁         | t         | +            | ╁╴           | t         | †-        | 11              | H        | 13            |          | T            | $\top$   | †             | T                  |              | П                  |                               |  |          |
| 2           | 32          | Н                 | ╫                   | H  | +            | +        | +         | $\dashv$  | $\dashv$     | +               | ┪        | $\vdash$ | 8          |          | T       | t             | t         | +         | $\top$       | ✝            | T         | 1         | $\Box$          |          | 13            |          |              |          |               |                    |              |                    |                               | $\square$                              | _        |
|             | 33          | Ш                 | ╫                   | ╂┤   | $\dashv$     | $\dashv$ | $\dagger$ | 7         | $\dashv$     | $\top$          | 1        |          | 8:         |          | Ť       | T             | T         |           |              |              |           |           |                 |          | 13            |          | L            | L        |               | L                  | L            | Ш                  | Щ                             | Ц                                      | _        |
|             | 34          |                   | 11                  | Ħ  | 寸            | _        | T         | $\exists$ |              |                 | 1        |          | 84         |          |         |               | I         | I         | $\perp$      |              | L         | $\perp$   | $\perp$         |          | 1:            |          | 1            | ╀-       | <u> </u>      |                    | ⊢            | ₩                  | $\vdash$                      | $\vdash$                               | _        |
|             | 35          |                   | П                   | $\prod$  |              |          | $\Box$    |           |              |                 |          | $\perp$  | 8          |          | 1       | $\bot$        | 4         | $\bot$    | 1            | ┺            | ╀         | +         | +               | F        | 1:            |          | ╀            | ╀        | ├             | ╁                  | ├            | $\vdash$           | Н                             | Н                                      | _        |
|             | 36          | Ш                 | $\perp \! \! \perp$ | Ц  | _            | _        | _         | _         | •            | _               | 4        | -        | 80         |          | +       | +             | +         | +         | +            | ╀            | ╀         | +         | +               | -        | 1:            |          | +            | ╁        | ╁             | ╁                  | ╁            | ╁                  | H                             | Н                                      |          |
| ;           | 67          | Ш                 | 44                  | Н  |              | $\dashv$ | 4         | 4         | $\dashv$     | +               | -        | $\vdash$ | 8          |          | +       | ╀             | +         | ╁         | ╁            | ╫            | ╁         | ┿         | ╀┤              | \<br>    | - h:          |          | ╁            | +        | ╁             | 늰                  | ╁            | $\vdash$           | Н                             | H                                      | Γ        |
| \ i         | 38          | Н                 | Н                   | Н  | -+           | +        | +         | $\dashv$  | $\dashv$     | -               | ┨        | -        | 8          |          | ╁       | +             | +         | +         | ╁            | $\dagger$    | ╁         | +         | +               | <b> </b> | _             | 39       | +            | t        | T             | ✝                  | $\vdash$     | T                  | $\vdash$                      | П                                      |          |
| <b>y</b>  - | 39<br>40    | $\mathbb{H}$      | Н                   | Н  | $\dashv$     | $\dashv$ | +         | -         | $\dashv$     | +               | 1        | $\vdash$ | 9          |          | +       | $\dagger$     | +         | $\dagger$ | †            | $\top$       | $\dagger$ | T         | $\top$          | F        | _             | 10       | 1            | T        |               | Ι                  | $\Gamma$     |                    | Γ                             |  |          |
| 누           | 41          | -                 | H                   | Н  | $\dashv$     | $\dashv$ | $\dashv$  | ᅥ         | -            | +               | 1        | $\vdash$ | 9          |          | T       | +             | $\dagger$ | $\top$    | $\dagger$    | T            | T         | $\dagger$ | $\top$          |          | 1             | 41       | T            | T        | Ι             | I                  | Γ            | $\Box$             | $\Box$                        |  |          |
| <i>,</i>    | 42          |                   | H                   | Н  | $\dashv$     | $\dashv$ | +         | ᅥ         | $\dashv$     | $\dashv$        | 1        | 卜        | 9          |          | $\top$  | $\dagger$     | +         | $\top$    | 1            | 1            | I         | 1         |                 |          |               | 42       | I            | $\perp$  |               | $oldsymbol{\perp}$ | $\Box$       | $oxedsymbol{oxed}$ | $\Box$                        | 匚                                      | Ĺ        |
| <b>ነ</b> ተ  | 43          |                   | Ш                   | Ħ  |              |          | 7         |           |              |                 | 1        |          | 9          | 3        |         | T             |           |           | I            | $\perp$      | I         | $\perp$   | $\square$       | L        | _             | 43       | $\perp$      | 1        | ┸             | ╄                  | 1            | $oldsymbol{\perp}$ | $oldsymbol{oldsymbol{\perp}}$ | ــــــــــــــــــــــــــــــــــــــ | ┡        |
|             | 44          |                   | Ш                   | Ι  |              |          |           | ·         |              |                 |          |          |            | 4        | $\perp$ | $\perp$       | 1         | 1         | $\downarrow$ | $\downarrow$ | 1         | $\perp$   | 44              | -        |               | 44       | $\downarrow$ | +        | $\perp$       | +                  | +            | +-                 | $\vdash$                      | $\vdash$                               | $\vdash$ |
|             | <b>(</b> 45 | -                 |                     | I  |              | $\Box$   | $\Box$    | $\Box$    |              |                 | 4        |          | _          | 5        | _       | $\downarrow$  | +         | +         | +            | +            | +         | +         | +-              | -        | _             | 45       | +            | +        | +             | ╀                  | +            | +                  | +                             | +-                                     | +        |
| 2 [         | 46          | +                 | Ш                   | 1  | Ц            |          | _         |           |              | -               | 4        | }-       |            | 6        | +       | +             | +         | +         | +            | +            | +         | +         | $\dashv \dashv$ | }        |               | 46<br>47 | +            | ╁        | +             | ╁                  | +            | +                  | +                             | +                                      | +        |
| L           | 47          |                   | H                   | 4  | Н            | $\vdash$ | $\dashv$  |           | $\vdash$     | $\vdash \vdash$ | $\dashv$ | H        | 9          | 8        | +       | +             | +         | +         | +            | ╁            | ╁         | +         | +               | ŀ        |               | 48       | +            | +        | +             | +                  | +            | +                  | $\top$                        | +                                      | T        |
| -<br>-<br>- | 49          | 1                 | ₩                   | J  | Н            | $\vdash$ | $\dashv$  | _         | -            | H               | $\dashv$ | +        |            | 9        | +       | +             | +         | +         | +            | +            | $\dagger$ | $\dagger$ | $\top$          |          | $\rightarrow$ | 49       | $\top$       | _        | 1             | 1                  |              | 工                  |                               | I                                      | I        |
| <br> -      | 50          |                   |                     | =  | H            | H        | H         |           |              | 口               | J        | t        |            | 00       |         | 土             | 土         | 1         | 1            | I            |           |           |                 |          |               | 50       | Τ            | I        | $\mathcal{I}$ | L                  | I            | $oldsymbol{\perp}$ | $\perp$                       | L                                      | L        |
|             |             | _                 |                     |  |              |          |           |           |              |                 |          | _        |            |          |         |               |           |           |              |              |           |           |                 |          |               |          |              |          |               |                    |              |                    |                               |  |          |

If more than 150 claims or 10 actions staple additional sheet here

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